

| Ref # | Hits | Search Query  | Dbs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S158  | 2    | "5305363".pn.   | US-PCPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/08 16:16 |
| S157  | 20   | "5305363"   | US-PCPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/08 16:16 |
| S156  | 2    | S154 and Burke  | US-PCPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/08 16:16 |
| S155  | 1    | S154 and Richey   | US-PCPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/08 16:15 |
| S154  | 44   | S153 and method   | US-PCPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/08 16:09 |
| S153  | 63   | (US-20020085674-\$ or US-20020094064-\$ or US-20030128801-\$ or US-20030206609-\$ or US-20040101110-\$).did. or (US-3970853-\$ or US-4051378-\$ or US-4084094-\$ or US-4129783-\$ or US-4135095-\$ or US-4153842-\$ or US-4158142-\$ or US-4190773-\$ or US-4203036-\$ or US-4206362-\$ or US-4239972-\$ or US-4274005-\$ or US-4289969-\$ or US-4309615-\$ or US-4377867-\$ or US-4384359-\$ or US-4464776-\$ or US-4547892-\$ or US-4562583-\$ or US-4592079-\$ or US-4669103-\$ or US-4761802-\$ or US-4817119-\$ or US-4864594-\$ or US-4866745-\$ or US-4894852-\$).did. or (US-4989225-\$ or US-4991190-\$ or US-5040871-\$ or US-5068882-\$ or US-5073910-\$ or US-5191600-\$ or US-5195112-\$ or US-5253171-\$ or US-5299249-\$ or US-5305363-\$ or US-5341460-\$ or US-5592526-\$ or US-5604778-\$ or US-5610967-\$ or US-5644612-\$ or US-5841830-\$ or US-5841831-\$ or US-5966422-\$ or US-6047040-\$ or US-6148058-\$ or US-6198790-\$ or US-6208706-\$ or US-6229870-\$ or US-6385292-\$ or US-6411671-\$ or US-6421412-\$ or US-6556651-\$).did. or (US-6873677-\$ or US-5467377-\$ or US-5259012-\$).did. or (JP-53003177-\$).did. or (EP-588002-\$).did. | US-PCPUB;<br>USPAT;<br>JPO;<br>DERWENT                            | OR               | ON      | 2005/09/08 15:50 |

|      |    |  |   |    |    |                  |
|------|----|--|---|----|----|------------------|
| S152 | 2  | "5305363".pn.  | US-PCPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/08 15:50 |
| S151 | 20 | "5305363"  | US-PCPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/08 15:50 |
| S150 | 2  | "20020085674"  | US-PCPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/08 15:49 |
| S149 | 2  | (target near5 (hollow near5 cylinder)) near4 (rotat\$3) and "378"/\$.ccls.       | US-PCPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/08 15:28 |
| S148 | 0  | (target near (hollow adj cylinder)) near4 (rotat\$3) and "378"/\$.ccls.          | US-PCPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/08 13:31 |
| S147 | 5  | (target) near4 (rotat\$3 near5 own near5 axis) and "378"/\$.ccls.                | US-PCPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/08 13:30 |
| S146 | 0  | (cylinder near5 target) near4 (rotat\$3 near5 own near5 axis) and "378"/\$.ccls. | US-PCPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/08 13:29 |

|      |    |   |   |    |    |                  |
|------|----|---|---|----|----|------------------|
| S145 | 1  | (cylinder near5 target) near4 (rotat\$3 near5 (about around) near5 axis) and "378"/\$.ccls.           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/08 13:29 |
| S144 | 96 | (target) near4 (rotat\$3 near5 (about around) near5 axis) and "378"/\$.ccls.                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/08 13:28 |
| S143 | 0  | (hollow near5 cylinder) near5 (rotat\$3 near5 (about around) near5 its near5 axis) and "378"/\$.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/08 13:26 |
| S142 | 1  | (hollow near5 cylinder) near5 (rotat\$3 near5 (about around) near5 axis) and "378"/\$.ccls.           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/08 13:26 |
| S141 | 4  | (hollow near5 target) near5 (rotat\$3 near5 (about around) near5 axis) and "378"/\$.ccls.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/08 13:25 |
| S140 | 0  | (hollow near5 target) and (rotat\$3 near5 (about around) near5 (its) near5 axis) and "378"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/08 13:24 |
| S139 | 0  | (hollow near5 target) and (rotat\$3 near5 (about around) near5 its near5 axis) and "378"/\$.ccls.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/08 13:24 |

|      |       |  |   |    |    |                  |
|------|-------|--|---|----|----|------------------|
| S138 | 27    | (hollow near5 target) and (rotat53 near3 (about around) near3 axis) and "378"/\$.ccls.           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/08 13:23 |
| S137 | 0     | (hollow near5 target) and (rotat53 near3 (about around) near3 its near3 axis) and "378"/\$.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/08 13:21 |
| S136 | 0     | (hollow near5 target) and (rotat53 adj (about around) adj its adj axis) and "378"/\$.ccls.       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/08 13:21 |
| S135 | 4     | (hollow near3 (x-ray xray) adj tube) near10 target and "378"/\$.ccls.                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/08 13:20 |
| S134 | 30    | (hollow near3 (x-ray xray) adj tube) and "378"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/08 13:08 |
| S133 | 14129 | (hollow near3 (x-ray xray) ad tube) and "378"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/08 13:07 |
| S132 | 79    | (hollow near3 (x-ray xray) near3 tube) and "378"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/08 13:07 |

|      |     |  |   |    |     |                  |
|------|-----|--|---|----|-----|------------------|
| S131 | 13  | (hollow near5 cylinder) near5 target and "378"/5.ccls.                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/08 13:06 |
| S130 | 0   | (hallow near5 cylinder) near5 target and "378"/5.ccls.                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/08 13:03 |
| S129 | 0   | (hallow near5 cylinder) near5 target and 378/4.ccls.                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/08 13:03 |
| S128 | 0   | (hallow adj cylinder) near5 target and 378/4.ccls.                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/08 13:02 |
| S127 | 2   | ("20020085674").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/08 13:02 |
| S126 | 0   | "20020085674"  | USPAT   | OR | ON  | 2005/09/08 11:26 |
| S125 | 0   | "20020085674"  | USPAT   | OR | ON  | 2005/09/08 11:26 |
| S124 | 0   | "20020085674"  | USPAT   | OR | ON  | 2005/09/08 11:26 |
| S123 | 90  | (fourth adj generation) near5 detector and 378/4.ccls.                               | USPAT   | OR | ON  | 2005/09/08 11:25 |
| S122 | 2   | (fourth adj generation) near1 detector and 378/4.ccls.                               | USPAT   | OR | ON  | 2005/09/08 10:48 |
| S121 | 153 | fourth adj generation and 378/4.ccls.  | USPAT   | OR | ON  | 2005/09/08 10:48 |
| S120 | 3   | (detector adj ring) near5 (two-dimension52) and 378/4.ccls.                          | USPAT   | OR | ON  | 2005/09/08 10:47 |
| S119 | 1   | (detector adj ring) near5 (one-dimension52 or (one adj dimension52)) and 378/4.ccls. | USPAT   | OR | ON  | 2005/09/08 10:38 |
| S118 | 51  | (detector adj ring) and 378/4.ccls.  | USPAT   | OR | ON  | 2005/09/08 10:37 |
| S117 | 11  | "5966422"  | USPAT   | OR | ON  | 2005/09/08 10:25 |
| S116 | 0   | "09679303"   | USPAT   | OR | ON  | 2005/09/08 10:21 |

|      |     |   |   |    |    |                  |
|------|-----|---|---|----|----|------------------|
| S115 | 0   | ("2002/0094064").URPN.  | USPAT   | OR | ON | 2005/09/08 09:55 |
| S114 | 2   | "20020094064"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/08 09:54 |
| S113 | 13  | Edic adj et adj al  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/07 16:14 |
| S112 | 0   | Edic adj et adj "al."   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/07 16:14 |
| S111 | 1   | "60341560"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/07 16:14 |
| S110 | 79  | (x-ray xray xrays x-rays) near1 (z\$1direction z\$1axis z\$1dimension z-resolution) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/07 16:05 |
| S109 | 183 | (x-ray xray xrays x-rays) near2 (z\$1direction z\$1axis z\$1dimension z-resolution) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/07 14:50 |
| S108 | 399 | (x-ray xray xrays x-rays) near5 (z\$1direction z\$1axis z\$1dimension z-resolution) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/07 14:50 |

|      |     |  |   |    |    |                  |
|------|-----|--|---|----|----|------------------|
| S107 | 5   | ((line adj source) or line-source) near5 (z\$1direction z\$1axis z\$1dimension z-resolution) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/07 14:50 |
| S89  | 739 | source near5 (z\$1direction z\$1axis z\$1dimension z-resolution)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/07 14:48 |
| S106 | 0   | (line-sources) and "378"/4.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/07 14:47 |
| S105 | 0   | (line-source) and "378"/4.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/07 14:47 |
| S104 | 8   | (line-source) and "378"/5.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/07 14:47 |
| S103 | 313 | ((line adj source) line-source) and "378"/5.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/07 14:43 |
| S79  | 313 | (line adj source) and "378"/5.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/07 14:42 |
| S102 | 8   | ("2489133"   "2692948"   "3418474"   "3930162"   "3991312").PN.                              | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/09/07 14:30 |

|      |      |   |   |    |    |                  |
|------|------|---|---|----|----|------------------|
| S101 | 1    | "4047041".PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/09/07 14:30 |
| S100 | 1    | "4031396".PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/09/07 14:30 |
| S99  | 1    | "3881110".PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/09/07 14:26 |
| S98  | 1    | "3778614".PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/09/07 14:26 |
| S97  | 2    | ("4051378"   "4057725").PN.                                     | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/09/07 14:25 |
| S96  | 14   | "4129783"   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/09/07 14:24 |
| S95  | 5    | ("4884566"   "5210421"   "5299253"   "5391877"   "5598003").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/09/07 14:24 |
| S94  | 4    | ("5376795"   "5600145"   "5672877"   "6211523").PN.             | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/09/07 14:16 |
| S93  | 1    | ("5412562").URPN.   | USPAT   | OR | ON | 2005/09/07 14:13 |
| S92  | 1289 | 378/4.CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/09/07 14:09 |
| S91  | 4    | ("4630202"   "4994965"   "5073911"   "5262946").PN.             | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/09/07 14:09 |
| S90  | 166  | S89 and "378"/\$.ccls. not (S82 S83)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/07 13:36 |
| S88  | 22   | S86 and "378"/\$.ccls. not (S82 S83)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/07 13:36 |



|     |    |  |   |    |    |                  |
|-----|----|--|---|----|----|------------------|
| S86 | 94 | source near1 (z\$1direction z\$1axis z\$1dimension z-resolution) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/07 13:35 |
| S87 | 1  | S86 and "378"/\$.ccls. not (S82 S83 S84 S85)                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/07 13:33 |
| S84 | 90 | source near1 (z\$1direction z\$1axis)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/07 13:32 |
| S85 | 21 | S84 and "378"/\$.ccls. not (S82 and S83)                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/07 13:29 |
| S82 | 30 | source near1 (z\$1direction)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/07 13:28 |
| S83 | 6  | S82 and "378"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/07 13:25 |
| S81 | 2  | "20020085674"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/07 13:24 |

|     |    |                                       |   |    |    |                  |
|-----|----|---------------------------------------|---|----|----|------------------|
| 580 | 29 | (line adj) source) and "378"/4.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/06 16:29 |
| 578 | 0  | (line near1 souce) and "378"/\$.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/06 16:12 |
| 577 | 0  | (line adj) souce) and "378"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/06 16:11 |
| 576 | 3  | "5592526"                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/06 16:10 |
| 575 | 15 | "6385292"                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/06 16:05 |
| 574 | 19 | "6385282"                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/06 14:43 |
| 573 | 19 | "6385282"                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/06 14:42 |

|     |    |   |   |    |    |                  |
|-----|----|---|---|----|----|------------------|
| 572 | 2  | "20020094064"                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/06 14:41 |
| 571 | 2  | "20040120449"                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/06 14:16 |
| 570 | 2  | "20050123092"                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/06 14:04 |
| 569 | 20 | "5305363"                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/06 13:41 |
| 568 | 11 | "5299249"                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/06 13:09 |
| 567 | 14 | 566 and "378"/\$.ccls.                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/01 17:24 |
| 566 | 17 | distributed adj (xray x-ray) adj source | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/01 17:24 |

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S65 | 5   | (thermionic (cold adj cathode) cold-cathode photo (photo near1 emitter) ferroelectric (laser near1 diode) monolithic) and S64                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 13:34 |
| S61 | 156 | addressable near5 emission and (thermionic (cold adj cathode) cold-cathode photo (photo near1 emitter) ferroelectric (laser near1 diode) monolithic)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 13:34 |
| S64 | 11  | address\$4 and S58   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 13:33 |
| S63 | 0   | address\$4 near5 emission and S58  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 13:33 |
| S62 | 0   | addressable near5 emission and S58   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 13:33 |
| S57 | 2   | ((cold near5 cathode) or cold-cathode) near5 vacuum and (anode near5 station\$3) and space\$2 and apart  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 13:33 |
| S60 | 0   | S58 and addressable near5 emission and (thermionic (cold adj cathode) cold-cathode photo (photo near1 emitter) ferroelectric (laser near1 diode) monolithic) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 13:32 |

|     |    |   |   |    |    |                  |
|-----|----|---|---|----|----|------------------|
| S59 | 52 | S58   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 13:30 |
| S58 | 52 | (US-20020085674-\$ or US-20020094064-\$ or US-20030206609-\$).did. or (US-3970853-\$ or US-4084094-\$ or US-4129783-\$ or US-4135095-\$ or US-4153842-\$ or US-4158142-\$ or US-4190773-\$ or US-4203036-\$ or US-4206362-\$ or US-4239972-\$ or US-4274005-\$ or US-4289969-\$ or US-4309615-\$ or US-4377867-\$ or US-4384359-\$ or US-4464776-\$ or US-4547892-\$ or US-4562583-\$ or US-4592079-\$ or US-4669103-\$ or US-4761802-\$ or US-4817119-\$ or US-4864594-\$ or US-4866745-\$ or US-4989225-\$ or US-4991190-\$).did. or (US-5040871-\$ or US-5068882-\$ or US-5073910-\$ or US-5191600-\$ or US-5195112-\$ or US-5253171-\$ or US-5341460-\$ or US-5604778-\$ or US-5610967-\$ or US-5644612-\$ or US-5841830-\$ or US-5966422-\$ or US-6047040-\$ or US-6148058-\$ or US-6198790-\$ or US-6208706-\$ or US-6229870-\$ or US-6385292-\$ or US-6411671-\$ or US-6421412-\$ or US-6556651-\$ or US-6873677-\$).did. or (JP-53003177-\$).did. | US-PGPUB;<br>USPAT;<br>JPO  | OR | ON | 2005/08/30 13:30 |
| S56 | 1  | "378"/\$.cccls. and ((cold near\$ cathode) or cold-cathode) near\$ vacuum and (anode near\$ station\$3) and space\$2 and apart  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 13:22 |
| S55 | 1  | "378"/\$.cccls. and ((cold adj cathode) or cold-cathode) near\$ vacuum and (anode near\$ station\$3) and space\$2 and apart   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 13:22 |
| S54 | 11 | S53 and address\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/29 15:08 |
| S53 | 52 | (US-20020085674-\$ or US-20020094064-\$ or US-20030206609-\$).did. or (US-3970853-\$ or US-4084094-\$ or US-4129783-\$ or US-4135095-\$ or US-4153842-\$ or US-4158142-\$ or US-4190773-\$ or US-4203036-\$ or US-4206362-\$ or US-4239972-\$ or US-4274005-\$ or US-4289969-\$ or US-4309615-\$ or US-4377867-\$ or US-4384359-\$ or US-4464776-\$ or US-4547892-\$ or US-4562583-\$ or US-4592079-\$ or US-4669103-\$ or US-4761802-\$ or US-4817119-\$ or US-4864594-\$ or US-4866745-\$ or US-4989225-\$ or US-4991190-\$).did. or (US-5040871-\$ or US-5068882-\$ or US-5073910-\$ or US-5191600-\$ or US-5195112-\$ or US-5253171-\$ or US-5341460-\$ or US-5604778-\$ or US-5610967-\$ or US-5644612-\$ or US-5841830-\$ or US-5966422-\$ or US-6047040-\$ or US-6148058-\$ or US-6198790-\$ or US-6208706-\$ or US-6229870-\$ or US-6385292-\$ or US-6411671-\$ or US-6421412-\$ or US-6556651-\$ or US-6873677-\$).did. or (JP-53003177-\$).did. | US-PGPUB;<br>USPAT;<br>JPO  | OR | ON | 2005/08/29 15:08 |

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S52 | 45  | one\$1dimension\$2 near\$ array\$1 near\$ x\$1ray\$1          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/29 14:01 |
| S15 | 321 | two\$1dimension\$2 near\$ array\$1 near\$ x\$1ray\$1          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/29 13:55 |
| S23 | 244 | two\$1dimension\$2 near\$ array\$1 near\$ x\$1ray\$1 not \$19 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/29 12:10 |
| S51 | 4   | "6556651"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/29 10:05 |
| S50 | 28  | "4547892"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/26 14:01 |
| S49 | 29  | "378"/4.ccls. and (line adj source)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/26 13:27 |
| S48 | 312 | "378"/5.ccls. and (line adj source)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/26 13:27 |

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S47 | 53149 | "378"/\$.ccls. (line adj source)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/26 13:27 |
| S46 | 6     | "378"/\$.ccls. and (station\$3 fixed) near1 source and (rotat\$3 near5 detector) not S39 not S40 not S42 not (rotat\$3 near10 source)            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/25 15:57 |
| S45 | 39    | "378"/\$.ccls. and (station\$3 fixed) near1 source and (rotat\$3 near5 detector) not S39 not S40 not S42 not (rotat\$3 near3 source)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/25 15:57 |
| S44 | 43    | "378"/\$.ccls. and (station\$3 fixed) near1 source and (rotat\$3 near5 detector) not S39 not S40 not S42 not ((station\$3 fixed) near2 detector) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/25 15:56 |
| S43 | 159   | "378"/\$.ccls. and (station\$3 fixed) near1 source and (rotat\$3 near5 detector) not S39 not S40 not S42   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/25 15:53 |
| S41 | 177   | "378"/\$.ccls. and (station\$3 fixed) near1 source and (rotat\$3 near5 detector)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/25 15:42 |
| S42 | 9     | 378/9.ccls. and (station\$3 fixed) near1 source and (rotat\$3 near5 detector)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/25 15:40 |

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| 540 | 11  | 378/10.ccls. and (station\$3 fixed) near1 source and (rotat\$3 near5 detector) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/25 15:39 |
| 539 | 14  | 378/10.ccls. and (station\$3 fixed) near1 source and (rotat\$3 same detector)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/25 15:25 |
| 538 | 0   | 378/10.ccls. and (station\$3 fixed) near1 source and (rotat\$3 same detector)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/25 15:13 |
| 537 | 45  | 378/10.ccls. and (rotat\$3 near2 detector)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/24 18:22 |
| 536 | 39  | 378/10.ccls. and (rotat\$3 near2 detector)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/24 18:22 |
| 528 | 151 | 378/10.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/24 18:21 |
| 51  | 106 | 378/9.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/24 18:18 |



|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| S27 | 244   | "378"/\$.ccls. and (station\$3 near\$3 source) and (rotat\$4 near\$3 detector) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/24 18:16 |
| S26 | 614   | "378"/\$.ccls. and (station\$3 near\$3 source)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/24 18:00 |
| S2  | 48671 | distribut\$3 and x\$1ray\$1 and source   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/24 17:59 |
| S25 | 19    | "561773"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/24 17:28 |
| S24 | 18    | "6553096"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/24 16:48 |
| S22 | 321   | two\$1dimension\$2 near\$5 array\$1 near\$ x\$1ray\$1                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/24 16:38 |
| S19 | 77    | two\$1dimension\$2 near\$5 array\$1 near\$ x\$1ray\$1 near\$5 source           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/24 16:37 |

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S21 | 0   | S19 and S20  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/24 16:11 |
| S20 | 24  | (US-20020085674-\$ or US-20020094064-\$).did. or (US-6385292-\$ or US-4129783-\$ or US-4135095-\$ or US-4153842-\$ or US-4203036-\$ or US-4239972-\$ or US-4274005-\$ or US-4289969-\$ or US-4309615-\$ or US-4377867-\$ or US-4384359-\$ or US-4592079-\$ or US-4817119-\$ or US-4866745-\$ or US-4991190-\$ or US-5604778-\$ or US-5966422-\$ or US-6198790-\$ or US-6208706-\$ or US-6229870-\$ or US-6421412-\$).did. or (JP-53003177-\$).did. | US-PGPUB;<br>USPAT;<br>JPO  | OR | OFF | 2005/08/24 16:11 |
| S18 | 19  | S17 and stationary   | US-PGPUB;<br>USPAT;<br>JPO  | OR | OFF | 2005/08/22 16:32 |
| S17 | 24  | (US-20020085674-\$ or US-20020094064-\$).did. or (US-6385292-\$ or US-4129783-\$ or US-4135095-\$ or US-4153842-\$ or US-4203036-\$ or US-4239972-\$ or US-4274005-\$ or US-4289969-\$ or US-4309615-\$ or US-4377867-\$ or US-4384359-\$ or US-4592079-\$ or US-4817119-\$ or US-4866745-\$ or US-4991190-\$ or US-5604778-\$ or US-5966422-\$ or US-6198790-\$ or US-6208706-\$ or US-6229870-\$ or US-6421412-\$).did. or (JP-53003177-\$).did. | US-PGPUB;<br>USPAT;<br>JPO  | OR | OFF | 2005/08/22 16:25 |
| S16 | 77  | two\$1dimension\$2 near\$ array\$1 near\$ x\$1ray\$1 near\$ source   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/22 14:15 |
| S14 | 446 | two\$1dimension\$2 near\$ array\$1 near\$ x\$1ray\$1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/22 14:12 |
| S13 | 1   | "4057725".PN.  | USPAT;<br>USOCR   | OR | OFF | 2005/08/22 10:44 |
| S12 | 1   | "4051378".PN.  | USPAT;<br>USOCR   | OR | OFF | 2005/08/22 10:43 |
| S11 | 4   | "02067779"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/19 18:36 |
| S10 | 2   | "20020094064"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/19 18:36 |

|    |      |  |   |    |     |                  |
|----|------|--|---|----|-----|------------------|
| S9 | 2    | "20020085674"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/19 18:35 |
| S8 | 14   | "6385292"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/19 18:34 |
| S7 | 277  | S6 and "378"/\$.ccls.                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/19 15:59 |
| S6 | 446  | two\$1dimension\$2 near10 array\$1 near10 x\$1ray\$1 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/19 15:59 |
| S5 | 329  | S4 and "378"/\$.ccls.                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/19 15:57 |
| S4 | 491  | distribut\$3 near10 x\$1ray\$1 near10 source         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/19 15:40 |
| S3 | 4227 | S2 and "378"/\$.ccls.                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/19 15:39 |